

## POWER OF ATTORNEY

I am an official empowered to act on behalf of KABUSHIKI KAISHA TOSHIBA, whose address is 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan ("COMPANY").

COMPANY holds all rights, title and interest of Kiyohisa Terai, Masao Takahashi and Kinichi Sasaki in the subject matter which is claimed and for which a patent is sought on the invention entitled

"CURRENT SENSOR USING A SAGNAC INTERFEROMETER"

by Aritaka Ohno, Ryuji Usui, Kiyohisa Terai, Masao Takahashi and Kinichi Sasaki, described in international patent application number PCT/JP01/05853 filed July 5, 2001, by virtue of assignment from the inventors identified above, for which a copy thereof is attached.

All prior-filed powers of attorney, if any, in connection with this application are hereby revoked and the following are appointed as principal attorneys and agents with full power of substitution and revocation, to appoint other principal and associate attorneys, to prosecute this application, to transact all business in the United States Patent and Trademark Office connected therewith and to receive the original Letters Patent:

(2)

Thomas A. Gallagher (Reg. No. 24,815)

David N. Lathrop (Reg. No. 34,655)

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For Kabushiki Kaisha Toshiba:



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Takashi Nakayama, General Manager  
Intellectual Property Division

(Printed Name)

February 15, 2002

(Date)

(Title)

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

As a below named inventor, I declare:

I believe I am the original, first and sole inventor, or an original, first and joint inventor if more than one name is given below, of the subject matter which is claimed and for which a patent is sought in the invention described in:

- ☒ the attached application, or  
☐ application No. \_\_\_\_\_ filed on \_\_\_\_\_,  
☐ as amended on \_\_\_\_\_;

I have reviewed and understand the contents of the application identified above, including the claims, as amended by any amendment specifically referred to above;

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of any prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my own knowledge are true, all statements made herein on information and belief are believed to be true, and these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one: Aritaka Ohno

Citizen of: Japan

Signature Aritaka Ohno

Date February 15, 2002

Inventor two: Ryuji Usui

Citizen of: Japan

Signature Ryuji Usui

Date February 15, 2002

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

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## FULL NAME OF INVENTOR(S)

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## POWER OF ATTORNEY

I am an official empowered to act on behalf of JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, whose address is 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan ("COMPANY").

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"CURRENT SENSOR USING A SAGNAC INTERFEROMETER"

by Aritaka Ohno, Ryuji Usui, Kiyohisa Terai, Masao Takahashi and Kinichi Sasaki, described in international patent application number PCT/JP01/05853 filed July 5, 2001, by virtue of assignment from the inventors identified above, for which a copy thereof is attached.

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Citizenship Country::	Japan

#### Correspondence Information

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#### Application Information

Title Line One::	Current sensor using a Sagnac
Title Line Two::	interferometer
Total Drawing Sheets::	8
Formal Drawings?::	Yes
Application Type::	Utility
Docket Number::	KPO147

#### Representative Information

Representative Customer Number::	25271
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#### Continuity Information

This application is a::	371 of
> Application One::	PCT/JP01/05853
Filing Date::	July 5, 2001

#### Prior Foreign Applications

Foreign Application One::	2000-206197
Filing Date::	July 7, 2000
Country::	Japan
Priority Claimed::	Yes